

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2005/004721

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/36 H04N7/26 H04N7/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZHANG X-D ET AL: "Dynamic selection and effective compression of key frames for video abstraction" PATTERN RECOGNITION LETTERS, NORTH-HOLLAND PUBL. AMSTERDAM, NL, vol. 24, no. 9-10, June 2003 (2003-06), pages 1533-1542, XP004410690 ISSN: 0167-8655 paragraph '0002!' ----- SIKORA T: "MPEG STANDARDS SECTION 1 DIGITAL VIDEO CODING STANDARDS" DIGITAL CONSUMER ELECTRONICS HANDBOOK, 1997, pages 803-823, I, XP001059402 paragraph '8.3.3!; figure 8.5 ----- -/-	1-11, 14-19, 22-29
X		1, 2, 10, 11, 16-19

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

18 July 2005

Date of mailing of the international search report

26/07/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TUDOR P N: "TUTORIAL MPEG-2 VIDEO COMPRESSION" ELECTRONICS AND COMMUNICATION ENGINEERING JOURNAL, INSTITUTION OF ELECTRICAL ENGINEERS, LONDON, GB, vol. 7, no. 6, December 1995 (1995-12), pages 257-264, XP000545121 ISSN: 0954-0695 the whole document -----	1,2, 10-12, 16-20
X	EP 0 658 057 A (SHARP KABUSHIKI KAISHA) 14 June 1995 (1995-06-14) page 2, line 31 - page 3, line 12; figures 9,10 -----	13,21
A	WO 01/26379 A (WORLD MULTICAST.COM, INC) 12 April 2001 (2001-04-12) page 4, line 11 - page 6, line 20; figures 1-4 -----	1-29
A	TAMBANKAR A ET AL: "An overview of H.264 / MPEG-4 part 10" VIDEO/IMAGE PROCESSING AND MULTIMEDIA COMMUNICATIONS, 2003. 4TH EURASIP CONFERENCE FOCUSED ON 2-5 JULY 2003, PISCATAWAY, NJ, USA, IEEE, 2 July 2003 (2003-07-02), pages 1-51, XP010650106 ISBN: 953-184-054-7 the whole document -----	1-29
A	YI J LIANG ET AL: "Low-latency video transmission over lossy packet networks using rate-distortion optimized reference picture selection" PROCEEDINGS 2002 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 2002. ROCHESTER, NY, SEPT. 22 - 25, 2002, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NEW YORK, NY : IEEE, US, vol. VOL. 2 OF 3, 22 September 2002 (2002-09-22), pages 181-184, XP010607938 ISBN: 0-7803-7622-6 paragraph '0003! -----	1-29
		-/-

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PCT/JP2005/004721

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHANG A ET AL: "A NOVEL APPROACH TO FAST MULTI-FRAME SELECTION FOR H.264 VIDEO CODING" ISCAS 2003. PROCEEDINGS OF THE 2003 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS. BANGKOK, THAILAND, MAY 25 - 28, 2003, IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS, NEW YORK, NY : IEEE, US, vol. VOL. 2 OF 5, 25 May 2003 (2003-05-25), pages II-704, XP001168642 ISBN: 0-7803-7761-3 paragraph '0003! -----	1-29

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0658057	A	14-06-1995	JP	3050736 B2		12-06-2000
			JP	7162869 A		23-06-1995
			EP	0658057 A2		14-06-1995
			US	5859668 A		12-01-1999
WO 0126379	A	12-04-2001	AU	7868600 A		10-05-2001
			WO	0126379 A1		12-04-2001
			US	6731813 B1		04-05-2004

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